

# GML Glass and Material Lift

The new GML800+/500+ lift series redefines the handling of heavy loads in a completely new way. The range offers unparalleled safe working loads for material lifts of this type.

The GML range brings the new development of an electric drive system with it. AC and DC models have powerful electric winches that allow 900 kg to be lifted to a height of 3,50 m and up to 500 kg to a height of 9,10 m at the touch of a button.

The manual (M) model range has identical lifting and payload capacities in comparison to the powered range. The worm gear winch comes complete with an adjustable crank handle which, when extended fully, enables heavier loads to be lifted more easily.

A truly amazing accessory that can be fitted to the manual range as an optional extra is the 3-step drill kit which can be operated with a crank handle, drill or cordless screwdriver. This totally eliminates the need for manual handling of the winch which saves both time and effort.

The GML800+/500+ AC and DC are operated by a simple remote control that is magnetised for storage on any steel part of the machine.

The battery pack and counterbalance weights on the DC machine are stored in a self-contained trolley that is ingeniously attached to the stabilising legs of the GML800+/500+ and comes complete with an integrated charger.

Safety is an important aspect while handling a payload of 900 kg. We have therefore completely redesigned, widened, reinforced and equipped the mast system with a double safety brake.

The chassis has also been completely redesigned and adapted to the enormous payload.

Pulleys, bearings, ropes and many other components are generously dimensioned and designed for durability. In the electric models, limit switches ensure safe working. They switch off the winch at the highest and lowest points. The winch also stops if the tension on the rope is too low.

On both the AC and DC models, the cable control system is designed to allow the operation of additional powered accessories such as the electric telescopic boom (ETB).



Drive : 3- step drill kit

## Models / Equipment



### GML / STD / M:

- long version without counterweights
- 2 long outriggers backwards
- handle for positioning is integrated
- 1-speed worm gear winch
- load fork, in width adjustable
- lateral outriggers (series 20 and 25)

### Extra equipment:

- 3- step drill kit for operation by crank handle, drill or cordless screwdriver
- lateral outriggers for series 10-25



### GML / K / AC:

- long version with 12 counterweights and box
- 2 long outriggers backwards
- handle for positioning is integrated
- separate handle at weight box
- 230 V of hoist impulse with cable remote control
- load fork in width adjustable
- lateral outriggers (series 20 and 25)

### Impulses:

- 1. AC:** Electric winch 230/110 V
- 2. DC:** Electric winch 24 V
- 3. M:** Worm gear winch



### GML / K / DC:

- long version by battery carriage
- 2 long outriggers backwards
- handle for positioning is integrated
- mobile battery carriage incl. battery charger
- 6 counterweights
- 24 V of hoist impulse with cable remote control
- lateral outriggers (series 20 and 25)

### Lifting heights:

- Series 10:** 3,30 m at 900 kg payload max.
- Series 15:** 4,70 m at 850 kg payload max.
- Series 20:** 6,10 m at 800 kg payload max.
- Series 25:** 7,50 m at 800 kg payload max.
- Series 30:** 9,10 m at 500 kg payload max.



## Technical data

<b>M-series (worm gear winch)</b>	<b>GML / 10 / STD / M</b>	<b>GML / 15 / STD / M</b>	<b>GML / 20 / STD / M</b>	<b>GML / 25 / STD / M</b>	<b>GML / 30 / STD / M</b>
Lifting heights (standard fork on top):	3,30 m	4,70 m	6,10 m	7,50 m	8,80 m
Transport position - height / length / width:	1,98 / 1,10 / 0,81 m	1,98 / 1,10 / 0,81 m	1,98 / 1,10 / 0,81 m	1,98 / 1,10 / 0,81 m	1,99 / 1,44 / 0,81 m
Working position - height / length / width:	1,98 / 1,94 / 0,81 m*	1,98 / 1,94 / 0,81 m*	1,98 / 1,94 / 0,81 m*	1,98 / 1,94 / 0,81 m*	1,99 / 2,03 / 0,81 m*
Payload max. (load centre with 28 cm):	900 kg	850 kg	800 kg	800 kg	500 kg
Own weight:	282 kg	318 kg	357 kg	418 kg	480 kg
<b>AC-series (~230 Volt)</b>	<b>GML / 10 / K / AC</b>	<b>GML / 15 / K / AC</b>	<b>GML / 20 / K / AC</b>	<b>GML / 25 / K / AC</b>	<b>GML / 30 / K / AC</b>
Lifting heights (standard fork on top):	3,30 m	4,70 m	6,10 m	7,50 m	8,80 m
Transport position - height / length / width:	1,98 / 1,10 / 0,81 m	1,98 / 1,10 / 0,81 m	1,98 / 1,10 / 0,81 m	1,98 / 1,10 / 0,81 m	1,99 / 1,44 / 0,81 m
Working position - height / length / width:	1,98 / 1,94 / 0,81 m*	1,98 / 1,94 / 0,81 m*	1,98 / 1,94 / 0,81 m*	1,98 / 1,94 / 0,81 m*	1,99 / 2,06 / 0,81 m*
Payload max. (load centre with 28 cm) :	900 kg	850 kg	800 kg	800 kg	500 kg
Own weight:	518 kg	555 kg	619 kg	655 kg	691 kg
Weight without attachment parts:	326 kg	363 kg	427 kg	463 kg	499 kg
<b>DC-series (24 Volt)</b>	<b>GML / 10 / K / DC</b>	<b>GML / 15 / K / DC</b>	<b>GML / 20 / K / DC</b>	<b>GML / 25 / K / DC</b>	<b>GML / 30 / K / DC</b>
Lifting heights (standard fork on top):	3,30 m	4,70 m	6,10 m	7,50 m	8,80 m
Transport position - height / length / width:	1,98 / 1,00 / 0,81 m	1,98 / 1,00 / 0,81 m	1,98 / 1,00 / 0,81 m	1,98 / 1,00 / 0,81 m	1,99 / 1,44 / 0,81 m
Working position - height / length / width:	1,98 / 2,14 / 0,84 m*	1,98 / 2,14 / 0,84 m*	1,98 / 2,14 / 0,84 m*	1,98 / 2,14 / 0,84 m*	1,99 / 2,32 / 0,84 m*
Payload max. (load centre with 28 cm) :	900 kg	850 kg	800 kg	800 kg	500 kg
Own weight:	530 kg	566 kg	630 kg	666 kg	702 kg
Weight without attachment parts:	309 kg	345 kg	409 kg	445 kg	481 kg

\* max. 2,80 m with lateral outriggers